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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/064,265	06/27/2002	Kuan-Yu Lee	9159-US-PA	1243
43831 RERKELEVI	7590 04/09/2007 .AW & TECHNOLOGY G	ROUP LLP	EXAM	INER
1700 NW 1677		NOO1, 22.	LEE, CHEUKFAN ART UNIT PAPER NUMBER	
SUITE 240 BEAVERTON	OR 97006			
BEATTERTOR	, 01() / 000		2625	
SHORTENED STATUTOR	RY PERIOD OF RESPONSE	MAIL DATE	DELIVER	Y MODE
2 MC	NTHS	04/09/2007	PAF	PER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)	
	10/064,265	LEE ET AL.	
Office Action Summary	Examiner	Art Unit	
·	Cheukfan Lee	2625	
The MAILING DATE of this communication ap	opears on the cover sheet wit	th the correspondence address	
Period for Reply			
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period. - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNIC .136(a). In no event, however, may a red d will apply and will expire SIX (6) MON the, cause the application to become AB	CATION. sply be timely filed IHS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).	
Status			
1)⊠ Responsive to communication(s) filed on an a	amendment filed January 16	6 <u>, 2007</u>	
	is action is non-final.		
3) Since this application is in condition for allow	ance except for formal matte	ers, prosecution as to the merits is	
closed in accordance with the practice under	Ex parte Quayle, 1935 C.D.	. 11, 453 O.G. 213.	
Disposition of Claims			
4)⊠ Claim(s) <u>1-31</u> is/are pending in the applicatio	n.		
4a) Of the above claim(s) is/are withdra			
5)⊠ Claim(s) <u>1-16 and 21-31</u> is/are allowed.			
6) Claim(s) is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) are subject to restriction and/	or election requirement		
Application Papers			
9) The specification is objected to by the Examir	ner.		
10) ☐ The drawing(s) filed on is/are: a) ☐ ac		by the Examiner.	
Applicant may not request that any objection to the			
Replacement drawing sheet(s) including the corre	ction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).	•
11)☐ The oath or declaration is objected to by the E	Examiner. Note the attached	Office Action or form PTO-152.	
Priority under 35 U.S.C. § 119			
12) ☐ Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C. §	119(a)-(d) or (f).	
a) ☐ All b) ☐ Some * c) ☐ None of:			•
1. Certified copies of the priority documer			
2. Certified copies of the priority documer	•	•	
3. Copies of the certified copies of the pri	•	received in this National Stage	
application from the International Bure	• • • • • • • • • • • • • • • • • • • •	ropoived	
* See the attached detailed Office action for a lis	s or the certified copies not t	eceiveu.	
Attachment(s)			
1) Notice of References Cited (PTO-892)		ummary (PTO-413)	
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08))/Mail Date formal Patent Application	
Paper No(s)/Mail Date	6) Other:		

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incontion Number: 10/00+,20

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1. Claims 1-31 are pending. Claims 1, 11, 17, 21, 26, and 30 are independent.

2. This application is in condition for allowance except for the following formal matters:

Claim 17 has been amended to change "the optical sensor" to "an optical sensor" (see the last two lines of the claim). However, "the" should be used instead "an" if the term is referring to "an optical sensor" of line 3 of the claim. It is unclear if the new term "an optical sensor" is referring to an optical sensor different from "an optical sensor" of line 3.

Claim 17 is objected to in this Office Action.

Claims 18-20 are objected as being dependent on objected claim 17.

Prosecution on the merits is closed in accordance with the practice under *Ex* parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO**MONTHS from the mailing date of this letter.

- 3. claims 1-16 and 21-31 are allowed.
- 4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Cheukfan Lee March 28, 2007